

# Work Order ID 65120

January 6, 2011 1:52:46 PM



Page 1

Item ID: D3552-17

Accept



Setup Start



Revision ID:

Stop



Item Name: Door Prop

Start Date: 1/06/11 Start Qty: 20.00



Cust Item ID:

Required Date: 1/13/11 Req'd Qty: 20.00



Customer:

Reference:

Run Start



Approvals: Process Plan: CL

Date: 11/01/06 Tooling:

Date: \_\_\_\_\_

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D3552	G								
100		0.00							
	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>13233</u>								
	Purchase Part Number: B8-154-387-156N								
	Supplier: LS Technologies								
	Certificate of conformity is required								
110		0.00							
	Receive & Inspect for Damage & Mat'l Certs								
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								
120		0.00							
	QC6- Inspect dimensions to drawing								
QC	Memo	0.00							
Quality Control	Test for correct pressure								

CL 11/01/06 (20)

P11/01/13 (20)

cont  
(20)

Subalt

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 65120**

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Item ID: D3552-17

Accept



Setup Start



Revision ID:

Stop



Item Name: Door Prop

Start Date: 1/06/11 Start Qty: 20.00



Cust Item ID:

Required Date: 1/13/11 Req'd Qty: 20.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Identify as per dwg & Stock Location <u>270</u>	0.00				11/1/11			
Packaging	Memo	0.00							
Packaging									
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

11/01/18

MF

11-01-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 1

Work Order ID: 65120



Parent Item: D3552-17



Parent Item Name: Door Prop

Start Date: 1/06/11


Required Date: 1/13/11

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP Rev:A 10.09.24 new issue DD verf:EC  
10.12.03 as per dwg rev.G DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B8-154-387-156N  Gas Spring		Purchased											
			No			110	Each	0.0000	1	20		1/11/13	(20)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

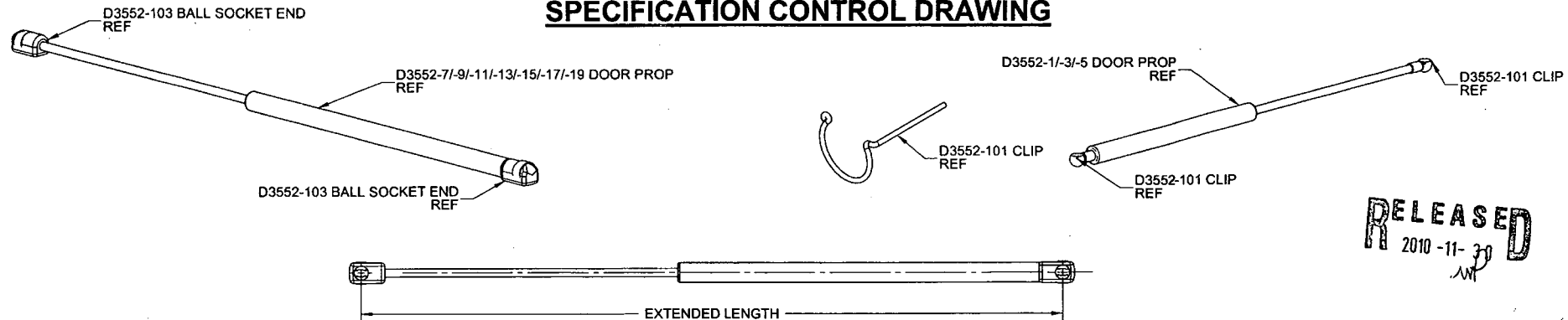
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



RELEASED  
2010-11-30

DART PART NUMBER	DESCRIPTION	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	FORCE (N/lb)	END FITTING	MATERIAL	SUPPLIER	SUPPLIER PART NUMBER OR MODEL NUMBER	ALTERNATE SUPPLIER	ALTERNATE SUPPLIER P/N OR MODEL NUMBER
D3552-1	DOOR PROP	220/8.66	530/20.6	70/15.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-220-530-070N	N/A	N/A
D3552-3	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-200-490-200N	N/A	N/A
D3552-5	DOOR PROP	175/6.89	430/16.9	150/33.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-175-430-150N	N/A	N/A
D3552-7	DOOR PROP	220/8.66	530/20.9	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-070N	N/A	N/A
D3552-9	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-200-490-200N	N/A	N/A
D3552-11	DOOR PROP	240/9.45	575/22.6	150/33.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-240-575-150N	N/A	N/A
D3552-13	DOOR PROP	220/8.66	530/20.9	140/31.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B6-220-530-140N	N/A	N/A
D3552-15	DOOR PROP	139/5.47	386/15.2	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-300N	SUSPA, Inc.	16-2-210-139-A101-B101-400N
D3552-17	DOOR PROP	139/5.47	386/15.2	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-156N	SUSPA, Inc.	16-2-210-160-A101-B101-156N
D3552-19	DOOR PROP	139/5.47	386/15.2	60/13.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-060N	SUSPA, Inc.	16-2-210-139-A101-B101-060N
D3552-101	CLIP	N/A	N/A	N/A	N/A	CARBON STEEL	LS TECHNOLOGIES	C9	N/A	N/A
D3552-103	BALL SOCKET END	N/A	N/A	N/A	N/A	NYLON	LS TECHNOLOGIES	B10	N/A	N/A

## D3552-X DOOR PROP

C21101106  
W10: 65120

### NOTES:

- 1) IDENTIFICATION: IDENT P/N D3552-X & B/N PER QSI 044 6.2
- 2) D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-1/3/5 DOOR PROPS
- 3) D3552-103 BALL SOCKET END IS ONLY COMPATIBLE WITH D3552-7/9/11/13/15/17/19 DOOR PROPS

G	FOR -15, FORCE:300/67.4 WAS 400/89.9, SUPPLIER P/N B8-154-387-300N WAS B8-154-387-400N; FOR -17, STROKE: 139/5.47 WAS 160/78.30, EXT LG: 386/15.2 WAS 407/16.0, SUPPLIER P/N B8-154-387-156N WAS B8-167-408-156N	JPH	10.11.01
F	ADD P/N D3552-15/17/19 AND ALTERNATE SUPPLIER	JPH	10.07.27
E	ADD P/N D3552-13 ZN B8-1, A8-1, D6-1, CHANGE NAME FROM "GAS SPRING" TO "DOOR PROP" THROUGH OUT DWG	HS	10.02.03
D	ADD P/N D3552-101 ZN D8-1, C7-1, C1-1 AND D3552-103 ZN D1-1 AND C2-1 AND ZN B8-1; ADD NOTE REGARDING D3552-101 AND D3552-103 COMPATIBILITY ZN A8-1	HS	09.04.02
C	ADD D3552-11 AND CONVERSIONS FOR INSPECTION; UPDATE P/N FOR D3552-7	LE	07.06.01
B	ADD D3552-7/9; UPDATE DESC. D3552-1/3/5	LE	06.10.24
A	NEW ISSUE	LE	06.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	JPH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JPH	DRAWING NO.	REV. G
MFG. APPR.	N/A	D3552	SHEET 1 OF 1
APPROVED	N/A	TITLE	SCALE
DE APPR.	N/A	DOOR PROP	NTS
DATE	10.11.01	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO13233

Purchase Order Date 1/06/11  
PO Print Date 1/06/11

Page Number 1 of 2

Order From :

VC-LST0001

LS TECHNOLOGIES INC.  
303-103 STREET  
SASKATOON, SK S7N 1Y9  
CA

Contact Name

Vendor Phone 306 683 5000

Vendor Fax 306 683 6403

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

10127-2607

Tax Resale Nbr

Net 30

Terms

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
FCM/10/10

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	BS104	BALL STUD	1/14/11 Yes	10.00 Each	FedEx PI ppd	\$1.1200	\$11.20
		Special Inst:	AS PER DWG D3554 REV. A B65123				
2	B8-240-575-150N		1/14/11 Yes	20.00 Each	FedEx PI ppd	\$41.3640	\$827.28
		Special Inst:	AS PER DWG D3552 REV. G B65130				
3	B8-154-387-300N	Gas Spring	1/14/11 Yes	12.00 Each	FedEx PI ppd	\$26.5000	\$318.00
		Special Inst:	AS PER DWG D3552 REV. G B65119				
4	B8-154-387-156N	Gas Spring	1/14/11 Yes	20.00 Each	FedEx PI ppd	\$26.5000	\$530.00

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 1/06/11



303 - 103 Street  
Saskatoon, SK Canada  
S7N 1Y9

Date	Invoice #
1/6/2011	6813

Name / Address
Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship To
Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

P.O. No.	Ship	Via	FOB	Project
13233	12/16/2010	Fed-Ex		

Qty	Description
10	BS104 - 10mm Ball Stud Zinc 5/16-18 Thd .75" Lg with nuts
20	B8-154-387-156N Gas Spring ( D3552-17 )
12	B8-154-387-300N Gas Spring ( D3552-15 )
20	B8-240-575-150N Gas spring
	Shipping Via FED EX Tracking # 576900015000164



303 - 103<sup>rd</sup> Street, Saskatoon, Saskatchewan, Canada S7N 1Y9  
Ph: (306) 683-5000 Fax: (306) 683-6403

### Certificate of Compliance

This is to certify that the parts listed below meets specifications as required by your order.

~~12 Units: B8-154-387-400N Gas Spring (D3552-15) Carbon Steel Gas Spring~~

20 Units: B8-167-408-156N Gas Spring (D3552-17) Carbon Steel Gas Spring

20 Units: B8-240-575-150N Gas Spring (D3552-11) Carbon Steel Gas Spring

10 Units : BS104 - 10mm Ball Stud Zinc 5/16-18 Thd .75" Carbon Steel Ball Stud

Country of Manufacture: Canada

Date of Manufacture : Jan 2011

This product is ROHS compliant.

We certify no mercury was used in the manufacture of this order.

Purchase Order # 13233

Invoice # 6813

L S Technologies Inc Canada

A handwritten signature in black ink, appearing to read "Nolan Fehr", written over a horizontal line.

Nolan Fehr  
Manager